

Algebra 1 Math Textbook Skills & Resources

Chapter Activities & Extra Help

This page features skills that are being covered currently or have been in the past. Each skill has a reteach page with the process; practice and additional practice pages with problems to review the skill; an application page with problems as applied to life or word problems; and a quiz to practice at home with self-grading. If ever your student is out, needs extra practice or does not know what the homework assignment is, feel free to use these resources.

PDF Version of the entire textbook resource

[Google Docs of entire textbook resource](#)

[Click here to download the complete workbook.](#)

[Vocabulary Slides with word meanings, questions and examples based upon the book](#)

[Additional Vocabulary Resource](#)

Preparing for Algebra

[Online Pre-test](#)

[Online Post-test](#)

[Online Standardized Practice Test](#)

[Online Vocabulary Practice Game](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Plan for Problem Solving	Reteach	Practice	Additional Practice	Application	Quiz
Real Numbers	Reteach	Practice	Additional Practice	Application	Quiz
Operations with Integers	Reteach	Practice	Additional Practice	Application	Quiz
Adding and Subtracting Rational Numbers	Reteach	Practice	Additional Practice	Application	Quiz
Multiplying and Dividing Rational Numbers	Reteach	Practice	Additional Practice	Application	Quiz
The Percent Proportion	Reteach	Practice	Additional Practice	Application	Quiz
Perimeter	Reteach	Practice	Additional Practice	Application	Quiz
Area	Reteach	Practice	Additional Practice	Application	Quiz
Volume	Reteach	Practice	Additional Practice	Application	Quiz
Surface Area	Reteach	Practice	Additional Practice	Application	Quiz
Simple Probability and Odds	Reteach	Practice	Additional Practice	Application	Quiz
Mean, Median, Mode, Range and Quartiles	Reteach	Practice	Additional Practice	Application	Quiz
Representing Data	Reteach	Practice	Additional Practice	Application	Quiz

Expressions, Equations and Functions

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Variables and Expressions	Reteach	Practice	Additional Practice	Application	Quiz
Order of Operations	Reteach	Practice	Additional Practice	Application	Quiz
Properties of Numbers	Reteach	Practice	Additional Practice	Application	Quiz
The Distributive Property	Reteach	Practice	Additional Practice	Application	Quiz
Equation	Reteach	Practice	Additional Practice	Application	Quiz
Relations	Reteach	Practice	Additional Practice	Application	Quiz
Functions	Reteach	Practice	Additional Practice	Application	Quiz
Logical Reasoning and Counterexamples	Reteach	Practice	Additional Practice	Application	Quiz

Linear Equations

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Writing Equations	Reteach	Practice	Additional Practice	Application	Quiz
Solving One-Step Equations	Reteach	Practice	Additional Practice	Application	Quiz
Solving Multi-Step Equations	Reteach	Practice	Additional Practice	Application	Quiz
Solving Equations with the Variable on Each Side	Reteach	Practice	Additional Practice	Application	Quiz
Solving Equations Involving Absolute Value	Reteach	Practice	Additional Practice	Application	Quiz
Ratios and Proportions	Reteach	Practice	Additional Practice	Application	Quiz
Percent of Change	Reteach	Practice	Additional Practice	Application	Quiz
Literal Equations and Dimensional Analysis	Reteach	Practice	Additional Practice	Application	Quiz
Weighted Averages	Reteach	Practice	Additional Practice	Application	Quiz

Linear Functions

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Graphing Linear Equations	Reteach	Practice	Additional Practice	Application	Quiz
Solving Linear Equations by Graphing	Reteach	Practice	Additional Practice	Application	Quiz
Rate of Change and Slope	Reteach	Practice	Additional Practice	Application	Quiz
Direct Variation	Reteach	Practice	Additional Practice	Application	Quiz
Arithmetic Sequences as Linear Functions	Reteach	Practice	Additional Practice	Application	Quiz
Proportional and Nonproportional Relationships	Reteach	Practice	Additional Practice	Application	Quiz

Linear Functions and Relations

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Graphing Equations in Slope-Intercept Form	Reteach	Practice	Additional Practice	Application	Quiz
Writing Equations in Slope-Intercept Form	Reteach	Practice	Additional Practice	Application	Quiz
Writing Equations in Point-Slope Form	Reteach	Practice	Additional Practice	Application	Quiz
Parallel and Perpendicular Lines	Reteach	Practice	Additional Practice	Application	Quiz
Scatter Plots and Lines of Fit	Reteach	Practice	Additional Practice	Application	Quiz
Regression and Median-Fit Lines	Reteach	Practice	Additional Practice	Application	Quiz
Special Functions	Reteach	Practice	Additional Practice	Application	Quiz

Linear Inequalities

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Solving Inequalities by Addition and Subtraction	Reteach	Practice	Additional Practice	Application	Quiz
Solving Inequalities by Multiplication and Division	Reteach	Practice	Additional Practice	Application	Quiz
Solving Multi-Step Inequalities	Reteach	Practice	Additional Practice	Application	Quiz
Solving Compound Inequalities	Reteach	Practice	Additional Practice	Application	Quiz
Inequalities Involving Absolute Value	Reteach	Practice	Additional Practice	Application	Quiz
Graphing Inequalities in Two Variables	Reteach	Practice	Additional Practice	Application	Quiz

Systems of Linear Equations and Inequalities

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[Online Standardized Practice Test](#)

[Online Vocabulary Practice Game](#)

[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Graphing Systems of Equations	Reteach	Practice	Additional Practice	Application	Quiz
Substitution	Reteach	Practice	Additional Practice	Application	Quiz
Elimination Using Addition and Subtraction	Reteach	Practice	Additional Practice	Application	Quiz
Elimination Using Multiplication	Reteach	Practice	Additional Practice	Application	Quiz
Applying Systems of Linear Equations	Reteach	Practice	Additional Practice	Application	Quiz
Organizing Data Using Matrices	Reteach	Practice	Additional Practice	Application	Quiz
Using Matrices to Solve Systems of Equations	Reteach	Practice	Additional Practice	Application	Quiz
Systems of Inequalities	Reteach	Practice	Additional Practice	Application	Quiz

Polynomials

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Multiplying Monomials	Reteach	Practice	Additional Practice	Application	Quiz
Dividing Monomials	Reteach	Practice	Additional Practice	Application	Quiz
Scientific Notation	Reteach	Practice	Additional Practice	Application	Quiz
Polynomials	Reteach	Practice	Additional Practice	Application	Quiz
Adding and Subtracting Polynomials	Reteach	Practice	Additional Practice	Application	Quiz
Multiplying a Polynomial by a Monomial	Reteach	Practice	Additional Practice	Application	Quiz
Multiplying Polynomials	Reteach	Practice	Additional Practice	Application	Quiz
Special Products	Reteach	Practice	Additional Practice	Application	Quiz

Factoring and Quadratic Equations

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Monomials and Factoring	Reteach	Practice	Additional Practice	Application	Quiz
Using the Distributive Property	Reteach	Practice	Additional Practice	Application	Quiz
Quadratic Equations: $x^2 + bx + c = 0$	Reteach	Practice	Additional Practice	Application	Quiz
Quadratic Equations: $ax^2 + bx + c = 0$	Reteach	Practice	Additional Practice	Application	Quiz
Quadratic Equations: Differences in Squares	Reteach	Practice	Additional Practice	Application	Quiz
Quadratic Equations: Perfect Squares	Reteach	Practice	Additional Practice	Application	Quiz

Quadratic and Exponential Functions

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[Online Standardized Practice Test](#)

[Online Vocabulary Practice Game](#)

[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Graphing Quadratic Functions	Reteach	Practice	Additional Practice	Application	Quiz
Solving Quadratic Equations by Graphing	Reteach	Practice	Additional Practice	Application	Quiz
Transformations of Quadratic Functions	Reteach	Practice	Additional Practice	Application	Quiz
Solving Quadratic Equations by Completing the Square	Reteach	Practice	Additional Practice	Application	Quiz
Solving Quadratic Equations by Using the Quadratic Formula	Reteach	Practice	Additional Practice	Application	Quiz
Exponential Functions	Reteach	Practice	Additional Practice	Application	Quiz
Growth and Decay	Reteach	Practice	Additional Practice	Application	Quiz
Geometric Sequences as Exponential Functions	Reteach	Practice	Additional Practice	Application	Quiz
Analyzing Functions with Successive Differences and Ratios	Reteach	Practice	Additional Practice	Application	Quiz

Radical Functions and Geometry

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Square Root functions	Reteach	Practice	Additional Practice	Application	Quiz
Simplifying Radical Expressions	Reteach	Practice	Additional Practice	Application	Quiz
Operations with Radical Expressions	Reteach	Practice	Additional Practice	Application	Quiz
Radical Equations	Reteach	Practice	Additional Practice	Application	Quiz
The Pythagorean Theorem	Reteach	Practice	Additional Practice	Application	Quiz
The Distance and Midpoint Formulas	Reteach	Practice	Additional Practice	Application	Quiz
Similar Triangles	Reteach	Practice	Additional Practice	Application	Quiz
Trigonometric Ratios	Reteach	Practice	Additional Practice	Application	Quiz

Rational Functions and Equations

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Inverse Variation	Reteach	Practice	Additional Practice	Application	Quiz
Rational functions	Reteach	Practice	Additional Practice	Application	Quiz
Simplifying Rational Expressions	Reteach	Practice	Additional Practice	Application	Quiz
Multiplying and Dividing Rational Expressions	Reteach	Practice	Additional Practice	Application	Quiz
Dividing Polynomials	Reteach	Practice	Additional Practice	Application	Quiz
Adding and Subtracting Rational Expressions	Reteach	Practice	Additional Practice	Application	Quiz
Mixed Expressions and Complex Fractions	Reteach	Practice	Additional Practice	Application	Quiz
Rational Equations	Reteach	Practice	Additional Practice	Application	Quiz

Statistics and Probability

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[Tie it Together for Chapter](#)

Skill	Reteach	Practice	Additional Practice	Application	Quiz
Design a Survey	Reteach	Practice	Additional Practice	Application	Quiz
Analyzing Survey Results	Reteach	Practice	Additional Practice	Application	Quiz
Statistics and Parameters	Reteach	Practice	Additional Practice	Application	Quiz
Permutations and Combinations	Reteach	Practice	Additional Practice	Application	Quiz
Probability of Compound Events	Reteach	Practice	Additional Practice	Application	Quiz
Probability Distributions	Reteach	Practice	Additional Practice	Application	Quiz
Probability Simulations	Reteach	Practice	Additional Practice	Application	Quiz